#### INORGANIC DATA VALIDATION REPORT

To: EPA Region 9

Validated by: Diane Quigley, Weston Solutions, Inc.

Report Date: August 12, 2015

Project/Site: Gold King Mine Emergency Response

Laboratory No: 680-115432-1 & 680-115432-2

This memo presents the inorganic data validation report for the data obtained during the field activities for the above referenced work assignment. The purpose of this review is to provide a Stage 2A validation of the following samples collected on August 9, 2015 and analyzed by TestAmerica Laboratories, Inc. located in Savannah, GA:

Field Sample Numbers	Laboratory ID	Analyses/Methods
SJBB-080915-11	680-115432-1	TAL Metals plus Mo by EPA 200.7 and
SJMH-080915-11	680-115432-2	200.8
SJMC-080915-11	680-115432-3	Mercury by EPA 245.1
SJDS-080915-11	680-115432-4	Hardness (calculation) by SM2340B
SJSR-080915-11	680-115432-5	TSS by SM2540D
SJ4C-080915-11	680-115432-6	TDS by SM2540C
SFPH-080915-11	680-115432-7	Alkalinity by SM2320B
SJHB-080915-11	680-115432-8	pH by SM4500H+B
SJLP-080915-11	680-115432-9	
MECT-080915-11	680-115432-10	
SJME-080915-11	680-115432-11	
SJME-080915-12	680-115432-12	

Mo = Molybdenum

SM = Standard Methods for the Evaluation of Water & Wastewater

TAL = Target Analyte List

TDS = Total Dissolved Solids

TSS = Total Suspended Solids

Data validation was conducted in accordance with the EPA National Functional Guidelines for Inorganic Superfund Analyses (NFG), August 2014; Test Methods for Evaluating Solid Wastes, SW-846, 3rd Edition and Updates; and appropriate EPA methods.

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Stage 2A validation was performed on the sample results. The data were evaluated based on the following parameters:

- \* Data Completeness
  Holding Times, Sample Preservation and Receipt
- \* Laboratory Blanks
- NA Field Blanks
  - Matrix Spike/Matrix Spike Duplicates
- \* Laboratory Duplicate Samples
- \* Laboratory Control Samples (Blank Spikes)
- \* Total vs. Dissolved Metals Results Evaluation Field Duplicates Sample Dilutions and Detection Limits
- All criteria were met for this parameter
- NA Not applicable

#### **Data Completeness**

The Level 2 data package was complete and included a case narrative, sample results, batch quality control (QC) results, QC association summary, Chain-of-Custody forms, and a sample receipt condition form. Raw data is not required for a Level 2 data package.

#### Holding Times, Sample Preservation and Receipt

Surface water samples were analyzed for pH 2 days after sampling. Results for pH were flagged by the lab with an "HF" which indicates the samples were analyzed out of the 15 minute field holding time. The pH results for water samples were estimated (J) since they were analyzed past the recommended holding time. All other holding times were met

The samples were received within the recommended ≤6 degrees Celsius NFG QC limit. No shipping or receiving problems were noted.

#### Laboratory Blanks

The method blanks (MB) were analyzed at the required frequency. No contaminants were found in these blanks with the following exception:

The ICP-AES total metals MB 680-395507/1-A was contaminated with selenium at a concentration  $\geq$  method detection limit (MDL) and  $\leq$  reporting limit (RL). Sample data was qualified in the following samples due to method blank contamination:

Total selenium was reported as non-detected (U) at the RL for the following samples since the selenium results were  $\geq$  MDL and  $\leq$  RL: 680-115432-9 through -12

#### Field Blanks

No field blanks were submitted with these samples.

#### Matrix Spike/Matrix Spike Duplicates

Matrix spike/matrix spike duplicate (MS/MSD) analyses were performed (on sample SJBB-080915-11) for all analyses except alkalinity, TSS, and TDS. No MS/MSDs were analyzed for hardness. An MS and MSD were also performed for total and dissolved mercury on sample SJLP-080915-11.

Spike recoveries met the 75-125 percent recovery (%R) metals criteria and the 20 Relative Percent Difference (RPD) criteria from the NFG except for the following:

- Several total analyte spike recoveries (aluminum, barium, calcium, iron, manganese, magnesium, potassium, and sodium) for sample SJBB-080915-11 and SJLP-080915-11 were outside QC limits in the MS and MSD. Since the laboratory qualified these results with a "4" indicating the parent sample concentrations were greater than four times the spiked amount, no qualifications are necessary. Antimony (16/17%), molybdenum (57/55%) and zinc (-/67%) were recovered below QC limits in sample SJBB-080915-11 (associated samples 680-115432-1 through -8). The positive results for antimony, molybdenum and zinc were estimated (J-) in associated samples associated samples 680-115432-1 through -8 due to potential low bias; the quantitation limits for non-detected results were flagged "UJ" as estimated. Antimony (37/39%) and zinc (-/65%) recovered below QC limits in sample SJLP-080915-11 (assoc. samples 690-115432-9 through -12). The positive results for total antimony and zinc were estimated (J-) in associated samples 690-115432-9 through -12 due to potential low bias.
- Dissolved calcium, magnesium, and sodium were outside QC limits in the MS and MSD for sample SJBB-080915-11. Since the laboratory qualified these results with a "4" indicating the parent sample concentrations were greater than four times the spiked amount, no qualifications are necessary.

#### Laboratory Duplicate Samples

Total metals and alkalinity laboratory duplicate analyses were performed on surface water samples SJBB-080915-11 and SJLP-080915-11. A total alkalinity laboratory duplicate was also performed on sample SJ4C-080915-11. A TSS duplicate was performed on sample MECT-080915-11. A TDS lab duplicate was performed on samples SJBB-080915-11 and SJME-080915-11.

Duplicate precision criteria were met for laboratory duplicate sample results greater than five times the RL. RPDs were less than 20% for aqueous samples. For sample results less than five times the RL, the absolute difference between the laboratory duplicate and the original sample was less than the RL. Barium (RPD 28) did exceed the RPD criteria of 20 in total laboratory duplicate SJLP-080915-11. Professional judgment was used in not qualifying data due to the high barium concentration.

#### Laboratory Control Samples (Blank Spikes)

At least one laboratory control sample (LCS) analysis was analyzed per QC batch and, for some analyses, a duplicate LCS (LCSD) was also analyzed. All LCS analyte recoveries were within 70-130%R NFG control limit for metals and mercury and within the 20% RPD NFG control limit for metals and mercury. Recoveries were within the lab control limits for wet chemistry parameters.

#### Total vs. Dissolved Metals Results Evaluation

Total Metals results were greater than the Dissolved Metals results and/or within the 10 percent difference (%D) QC limits for all metals analytes except for the following:

Sample ID	Analyte	Total Conc.	Dissolved Conc.	%D	Qualifier
	Mo	1.7 μg/L	2.4 μg/L	41%	J
<b>SJM</b> H-080915-11					
SJSR-080915-11	Mo	1.3µg/L	1.5 μg/L	15%	J
SJHB-080915-11	Mo	1.1 μg/L	1.5 μg/L	36 %	J
SJME-080915-11	Mo	1.7 μg/L	2.1 μg/L	23 %	J
SJME-080915-12	Mo	1.4 μg/L	2.1 μg/L	43 %	J

Sample results were qualified as indicated above.

#### Field Duplicates

Samples SJME-080915-11 and SJME-080915-12 are field duplicates and all calculated %RPDs were less than 30% with the following exceptions: dissolved aluminum (56%) and dissolved iron (54%). These two analytes were estimated (J) in samples SJME-080915-11 and SJME-080915-12; direction of bias uncertain.

#### Sample Dilution and Detection Limits

The laboratory correctly "J" flagged results less than the reporting limits. The data validator retained the J qualifier unless the analyte was qualified as non-detected for blank contamination.

Sample SJMH-080915-11 was diluted 10 fold for total potassium. Total metals sample SJBB-080915-11, SJMC-080915-11, SJDS-080915-11, SJSR-080915-11, SJ4C-080915-11, SJFP-080915-11, and SJHB-080915-11 were diluted two fold for cadmium, SJMH-080915-11 was diluted five fold for barium, cadmium and nickel.

Raw data were not provided or evaluated for this Level 2 package to verify results and analytical dilution.

#### DATA QUALIFIER DEFINITIONS

For the purpose of Data Validation, the following code letters and associated definitions are provided for use by the data validator to summarize the data quality.

- R Reported value is "rejected." Resampling or reanalysis may be necessary to verify the presence or absence of the compound.
- J The associated numerical value is an estimated quantity because the Quality Control criteria were not met.
- J+ The associated numerical value is estimated with a high bias because the Quality Control criteria were not met.
- J- The associated numerical value is estimated with a low bias because the Quality Control criteria were not met.
- UJ The reported quantitation limit is estimated because Quality Control criteria were not met. Element or compound was not detected.
- The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
- NR Result was not used from a particular sample analysis. This typically occurs
  when more than one result for an element is reported due to dilutions and
  reanalyses.

# ATTACHMENT RESULTS SUMMARY SHEETS WITH QUALIFIERS

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Lab Sample ID: 680-115432-1

Matrix: Water

Client Sample ID: SJBB-080915-11 Date Collected: 08/09/15 18:25

Date Received: 08/11/15 09:39

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum	53000		200	24	ug/L	ANALONINA ROOM	08/11/15 12:52	08/11/15 21:45	
Calcium	130000		500	25	ug/L		08/11/15 12:52	08/11/15 21:45	
Iron	43000		50	17	ug/L		08/11/15 12:52	08/11/15 21:45	
Magnesium	26000		500	33	ug/L		08/11/15 12:52	08/11/15 21:45	
Potassium	13000		1000	17	ug/L		08/11/15 12:52	08/11/15 21:45	
Sodium	35000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:45	
Method: 200.7 Rev 4.4 - Meta	als (ICP) - Dis	solved							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII F
Aluminum, Dissolved	24	Ū	200	24	ug/L		08/11/15 12:52	08/11/15 20:26	
Calcium, Dissolved	57000		500	25	ug/L		08/11/15 12:52	08/11/15 20:26	
ron, Dissolved	17	U	50	17	ug/L		08/11/15 12:52	08/11/15 20:26	
Potassium, Dissolved	3400		1000	17	ug/L		08/11/15 12:52	08/11/15 20:26	
Wagnesium, Dissolved	8000		500	33	ug/L		08/11/15 12:52	08/11/15 20:26	
Sodium, Dissolved	31000		1000	480	ug/L		08/11/15 12:52	08/11/15 20:26	
Method: 2340B-2011 - Total I	Hardness (as	CaCO3) by	calculation	ı					
		CaCO3) by Qualifier	calculation RL		Unit	D	Prepared	Analyzed	Dil F
Analyte				RL	Unit mg/L	<u>D</u>	Prepared	Analyzed 08/11/15 21:45	Dil F
Method: 2340B-2011 - Total I Analyte Total Hardness Method: 245.1 - Mercury (CV	Result 430		RL	RL		D	Prepared	-	Dil F
Analyte Total Hardness Method: 245.1 - Mercury (CV	Result 430		RL	RL	mg/L	D_	Prepared Prepared	-	
Analyte Total Hardness Method: 245.1 - Mercury (CV Analyte	Result 430	Qualifier Qualifier	RL 3.3	RL 3.3	mg/L Unit	***************************************	THE RESERVE THE PROPERTY OF TH	08/11/15 21:45	
Analyte Total Hardness Method: 245.1 - Mercury (CV Analyte <sup>Mercury</sup>	Result 430 (AA) Result 0.080	Qualifier Qualifier U	RL 3.3 RL	RL 3.3 MDL	mg/L Unit	***************************************	Prepared	08/11/15 21:45 Analyzed	Dii F
Analyte Total Hardness Method: 245.1 - Mercury (CV Analyte Mercury Method: 245.1 - Mercury (CV	Result 430  (AA) Result 0.080  (AA) - Dissolv Result	Qualifier  Qualifier  U  /ed Qualifier	RL 3.3 RL	RL 3.3 MDL	mg/L Unit ug/L	***************************************	Prepared	08/11/15 21:45 Analyzed	Dil F
Analyte Total Hardness Method: 245.1 - Mercury (CV Analyte Mercury Method: 245.1 - Mercury (CV Analyte	Result 430  (AA) Result 0.080  (AA) - Dissolv	Qualifier  Qualifier  U  /ed Qualifier	RL 3.3 RL 0.20	RL 3.3 MDL 0.080	mg/L Unit ug/L Unit	<u>D</u>	Prepared 08/11/15 13:44	08/11/15 21:45  Analyzed  08/11/15 20:36	Dil F
Analyte Total Hardness Method: 245.1 - Mercury (CV Analyte Mercury Method: 245.1 - Mercury (CV Analyte Mercury (CV Analyte Mercury, Dissolved	Result 430  (AA) Result 0.080  (AA) - Dissolv Result	Qualifier  Qualifier  U  /ed Qualifier	RL 3.3 RL 0.20	RL 3.3 MDL 0.080	mg/L Unit ug/L Unit	<u>D</u>	Prepared 08/11/15 13:44  Prepared	08/11/15 21:45  Analyzed 08/11/15 20:36  Analyzed	DII F
Analyte Total Hardness Method: 245.1 - Mercury (CV Analyte Mercury  Method: 245.1 - Mercury (CV Analyte Mercury, Dissolved  General Chemistry	Result 430  (AA) Result 0.080  (AA) - Dissolv Result 0.080	Qualifier  Qualifier  U  /ed Qualifier	RL 3.3 RL 0.20	RL 3.3 MDL 0.080	mg/L Unit ug/L Unit ug/L	<u>D</u>	Prepared 08/11/15 13:44  Prepared	08/11/15 21:45  Analyzed 08/11/15 20:36  Analyzed	
Analyte Total Hardness Method: 245.1 - Mercury (CV Analyte Mercury  Method: 245.1 - Mercury (CV Analyte Mercury, Dissolved  General Chemistry Analyte	Result 430  (AA) Result 0.080  (AA) - Dissolv Result 0.080	Qualifier U  Ved Qualifier U  Qualifier U	RL 3.3 RL 0.20	MDL 0.080	mg/L Unit ug/L Unit ug/L	D	Prepared 08/11/15 13:44  Prepared 08/11/15 13:44	Analyzed  O8/11/15 20:36  Analyzed  Analyzed  08/11/15 19:56	Dii F
Analyte Total Hardness Method: 245.1 - Mercury (CV Analyte Mercury Method: 245.1 - Mercury (CV Analyte Mercury, Dissolved General Chemistry Analyte OH	Result  430  (AA)  Result  0.080  (AA) - Dissolv Result  0.080  Result  8.10	Qualifier U  /ed Qualifier U  Qualifier U	RL 3.3 RL 0.20	MDL 0.080 MDL 0.080	mg/L Unit ug/L Unit ug/L Unit	D	Prepared 08/11/15 13:44  Prepared 08/11/15 13:44  Prepared	08/11/15 21:45  Analyzed 08/11/15 20:36  Analyzed 08/11/15 19:56  Analyzed 08/11/15 18:38	Dil F
Analyte Total Hardness Method: 245.1 - Mercury (CV Analyte Mercury Method: 245.1 - Mercury (CV Analyte Mercury, Dissolved General Chemistry Analyte pH Analyte	Result  430  (AA)  Result  0.080  (AA) - Dissolv Result  0.080  Result  8.10	Qualifier U  Ved Qualifier U  Qualifier U	RL 3.3 RL 0.20 RL 0.20	MDL 0.080 MDL 0.080 NONE	Unit ug/L Unit ug/L Unit US/L Unit Unit	D D	Prepared 08/11/15 13:44  Prepared 08/11/15 13:44	08/11/15 21:45  Analyzed  08/11/15 20:36  Analyzed  08/11/15 19:56  Analyzed	Dil F
Analyte Total Hardness	Result  430  (AA)  Result  0.080  (AA) - Dissolv  Result  0.080  Result  8.10  Result	Qualifier U  /ed Qualifier U  Qualifier U	RL 0.20  RL 0.20  NONE	MDL 0.080 MDL 0.080 NONE RL 5.0	Unit ug/L Unit ug/L Unit ug/L	D D	Prepared 08/11/15 13:44  Prepared 08/11/15 13:44  Prepared	08/11/15 21:45  Analyzed 08/11/15 20:36  Analyzed 08/11/15 19:56  Analyzed 08/11/15 18:38 Analyzed	Dii F

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Client Sample ID: SJMH-080915-11 Lab Sample ID: 680-115432-2

Date Collected: 08/09/15 19:05 Matrix: Water Date Received: 08/11/15 09:39

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	180000	***************************************	200	24	ug/L		08/11/15 12:52	08/11/15 22:22	1
Calcium	480000		500	25	ug/L		08/11/15 12:52	08/11/15 22:22	1
Iron	85000		50	17	ug/L		08/11/15 12:52	08/11/15 22:22	1
Magnesium	95000		500	33	ug/L		08/11/15 12:52	08/11/15 22:22	
Potassium	46000		10000	170	ug/L		08/11/15 12:52	08/12/15 10:02	10
Sodium	58000		1000	480	ug/L		08/11/15 12:52	08/11/15 22:22	
Method: 200.7 Rev 4.4 - Metal	s (ICP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L	***************************************	08/11/15 12:52	08/11/15 20:45	,
Calcium, Dissolved	56000		500	25	ug/L		08/11/15 12:52	08/11/15 20:45	
Iron, Dissolved	17	U	50	17	ug/L		08/11/15 12:52	08/11/15 20:45	
Potassium, Dissolved	4400		1000	17	ug/L		08/11/15 12:52	08/11/15 20:45	
Magnesium, Dissolved	8500		500	33	ug/L		08/11/15 12:52	08/11/15 20:45	
Sodium, Dissolved	44000		1000	480	ug/L		08/11/15 12:52	08/11/15 20:45	
Method: 2340B-2011 - Total H	ardness (as	CaCO3) b	v calculatio	n					
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	1600	¥	3.3	3.3	mg/L	***	····	08/11/15 22:22	***************************************
Method: 245.1 - Mercury (CVA	۱A)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.080	Ū	0.20	0.080	ug/L	***************************************	08/11/15 13:44	08/11/15 20:55	
Method: 245.1 - Mercury (CVA	AA) - Dissolv	/ed							
Analyte	Result	Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	Ū	0.20	0.080	ug/L	***************************************	08/11/15 13:44	08/11/15 20:14	*
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
рН	8.12	HF	<del>J – –</del>		SU		an delderlesselvek identiklesselvegskipenktorrederenst meg	08/11/15 18:44	
Analyte	***************************************	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	110		5.0	5.0	mg/L			08/11/15 18:44	
Total Suspended Solids	8200		50	50	mg/L			08/11/15 11:35	•
Total Dissolved Solids	260	,	10	10	mg/L			08/11/15 14:33	

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJMC-080915-11

TestAmerica Job ID: 680-115432-1

Lab Sample ID: 680-115432-3

Date Collected: 08/09/15 17:50 Matrix: Water Date Received: 08/11/15 09:39

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum	46000	***************************************	200	24	ug/L		08/11/15 12:52	08/11/15 22:27	***************************************
Calcium	97000		500	25	ug/L		08/11/15 12:52	08/11/15 22:27	
Iron	38000		50	17	ug/L		08/11/15 12:52	08/11/15 22:27	
Magnesium	21000		500	33	ug/L		08/11/15 12:52	08/11/15 22:27	
Potassium	11000		1000	17	ug/L		08/11/15 12:52	08/11/15 22:27	
Sodium	32000		1000	480	ug/L		08/11/15 12:52	08/11/15 22:27	
Method: 200.7 Rev 4.4 - Met	als (ICP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum, Dissolved	28	J	200	24	ug/L		08/11/15 12:52	08/11/15 20:50	
Calcium, Dissolved	57000		500	25	ug/L		08/11/15 12:52	08/11/15 20:50	
Iron, Dissolved	17	Ú	50	17	ug/L		08/11/15 12:52	08/11/15 20:50	
Potassium, Dissolved	3000		1000	17	ug/L		08/11/15 12:52	08/11/15 20:50	
Magnesium, Dissolved	8200		500	33	ug/L		08/11/15 12:52	08/11/15 20:50	
Sodium, Dissolved	30000		1000	480	ug/L		08/11/15 12:52	08/11/15 20:50	
Method: 2340B-2011 - Total	Hardness (as	CaCO3) by	calculation	1					
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	330		3.3	3.3	mg/L	_	Amount Amount the electronic and control of the con	08/11/15 22:27	***************************************
Method: 245.1 - Mercury (C\	/AA)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.080	Ū	0.20	0.080	ug/L		08/11/15 13:44	08/11/15 20:58	***************************************
Method: 245.1 - Mercury (CV	/AA) - Dissolv	/ed							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	Ū ===	0.20	0.080	ug/L		08/11/15 13:44	08/11/15 20:17	***************************************
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
pH	8.14	HF J	***************************************	***************************************	SU	Accountation money	***************************************	08/11/15 18:51	***************************************
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	100	***************************************	5.0	5.0	mg/L		<del>-</del>	08/11/15 18:51	
Total Suspended Solids	3300		50		mg/L			08/11/15 11:35	
Total Dissolved Solids	160		10		mg/L			08/11/15 14:33	

TestAmerica Savannah

Client: Weston Solutions, Inc.

Date Collected: 08/09/15 13:15

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJDS-080915-11

TestAmerica Job ID: 680-115432-1

Lab Sample ID: 680-115432-4

Matrix: Water

Method: 200.7 Rev 4.4 - Meta Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum	31000	***************************************	200	24	ug/L		08/11/15 12:52	08/11/15 22:32	***************************************
Calcium	72000		500	25	ug/L		08/11/15 12:52	08/11/15 22:32	
Iron	31000		50	17	ug/L		08/11/15 12:52	08/11/15 22:32	
<b>V</b> lagnesium	14000		500		ug/L		08/11/15 12:52	08/11/15 22:32	
Potassium	8100		1000		ug/L		08/11/15 12:52	08/11/15 22:32	
Sodium	26000		1000		ug/L		08/11/15 12:52	08/11/15 22:32	•
Method: 200.7 Rev 4.4 - Meta	ls (ICP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	1400		200	24	ug/L		08/11/15 12:52	08/11/15 20:54	
Calcium, Dissolved	54000		500	25	ug/L		08/11/15 12:52	08/11/15 20:54	
ron, Dissolved	1000		50	17	ug/L		08/11/15 12:52	08/11/15 20:54	1
Potassium, Dissolved	2800		1000	17	ug/L		08/11/15 12:52	08/11/15 20:54	1
Magnesium, Dissolved	6800		500	33	ug/L		08/11/15 12:52	08/11/15 20:54	1
	0.000			400				001111100001	4
Sodium, Dissolved	24000		1000	480	ug/L		08/11/15 12:52	08/11/15 20:54	1
·		CaCO3) by			ug/L		08/11/15 12:52	08/11/15 20:54	1
Method: 2340B-2011 - Total H	lardness (as			1	ug/L Unit	D			
Sodium, Dissolved Method: 2340B-2011 - Total H Analyte Total Hardness	lardness (as	CaCO3) by	calculation	) RL	-	<u>D</u>	Prepared	Analyzed 08/11/15 22:32	
Method: 2340B-2011 - Total H Analyte Total Hardness	lardness (as Result 240		calculation RL	) RL	Unit	<u>D</u>		Analyzed	Dil Fac
Method: 2340B-2011 - Total H Analyte	Hardness (as Result 240		calculation RL	) RL	Unit mg/L	<u>D</u>		Analyzed	
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA	Hardness (as Result 240	Qualifier Qualifier	calculation RL 3.3	RL 3.3	Unit mg/L Unit		Prepared	Analyzed 08/11/15 22:32	Dil Fac
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA Analyte Mercury	AA) Result 0.080	Qualifier Qualifier U	calculation RL 3.3	RL 3.3 MDL	Unit mg/L Unit		Prepared Prepared	Analyzed 08/11/15 22:32 Analyzed	Dil Fac
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA Analyte	AA) - Dissolv	Qualifier Qualifier U	calculation RL 3.3	RL 3.3 MDL	Unit mg/L Unit ug/L		Prepared Prepared	Analyzed 08/11/15 22:32  Analyzed 08/11/15 21:01	Dil Fac
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA Analyte Mercury	AA) - Dissolv	Qualifier  Qualifier  U  red  Qualifier	calculation RL 3.3 RL 0.20	RL 3.3 MDL 0.080	Unit mg/L Unit ug/L Unit	D	Prepared Prepared 08/11/15 13:44	Analyzed 08/11/15 22:32 Analyzed	Dil Fac
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved	AA) - Dissolv	Qualifier  Qualifier  U  red  Qualifier	RL 0.20	RL 3.3 MDL 0.080	Unit mg/L Unit ug/L Unit	D	Prepared Prepared 08/11/15 13:44 Prepared	Analyzed 08/11/15 22:32  Analyzed 08/11/15 21:01  Analyzed	Dil Fac
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte	AA) - Dissolv Result 0.080	Qualifier  Qualifier  U  red  Qualifier	RL 0.20	RL 3.3 MDL 0.080	Unit mg/L  Unit ug/L  Unit ug/L	D	Prepared Prepared 08/11/15 13:44 Prepared	Analyzed 08/11/15 22:32  Analyzed 08/11/15 21:01  Analyzed	Dil Fac
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry Analyte	AA) - Dissolv Result 0.080	Qualifier U  red Qualifier U  Qualifier U	RL 0.20	MDL 0.080	Unit mg/L  Unit ug/L  Unit ug/L	D	Prepared  08/11/15 13:44  Prepared  08/11/15 13:44	Analyzed 08/11/15 22:32  Analyzed 08/11/15 21:01  Analyzed 08/11/15 20:20	Dil Fac
Method: 2340B-2011 - Total Hanalyte Fotal Hardness Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry Analyte OH	AA) Result 0.080  AA) Dissolv Result 0.080  Result 0.080	Qualifier U  Qualifier U  Qualifier U  Qualifier HF	RL 0.20  RL 0.20  NONE	MDL 0.080 MDL 0.080	Unit mg/L  Unit ug/L  Unit ug/L  Unit		Prepared  08/11/15 13:44  Prepared  08/11/15 13:44  Prepared	Analyzed 08/11/15 22:32  Analyzed 08/11/15 21:01  Analyzed 08/11/15 20:20  Analyzed 08/11/15 18:58	Dil Fac
Method: 2340B-2011 - Total Hanalyte Fotal Hardness  Method: 245.1 - Mercury (CVA Analyte Mercury  Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved  General Chemistry Analyte DH Analyte	AA) - Dissolv Result 0.080  AA) - Result 0.080  Result 0.080  Result 0.080	Qualifier U  red Qualifier U  Qualifier U	RL 0.20  NONE	MDL 0.080 MDL 0.080 NONE	Unit mg/L  Unit ug/L  Unit ug/L  Unit Unit Unit	D	Prepared  08/11/15 13:44  Prepared  08/11/15 13:44	Analyzed 08/11/15 22:32  Analyzed 08/11/15 21:01  Analyzed 08/11/15 20:20  Analyzed 08/11/15 18:58 Analyzed	Dil Fac
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry	AA) Result 0.080  AA) Dissolv Result 0.080  Result 0.080	Qualifier U  Qualifier U  Qualifier U  Qualifier HF	RL 0.20  RL 0.20  NONE	MDL 0.080 MDL 0.080 NONE RL 5.0	Unit mg/L  Unit ug/L  Unit ug/L  Unit		Prepared  08/11/15 13:44  Prepared  08/11/15 13:44  Prepared	Analyzed 08/11/15 22:32  Analyzed 08/11/15 21:01  Analyzed 08/11/15 20:20  Analyzed 08/11/15 18:58	Dil Fac

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Lab Sample ID: 680-115432-5

Matrix: Water

Client Sample ID: SJSR-080915-11 Date Collected: 08/09/15 12:35

Date Received: 08/11/15 09:39

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	43000	H	200	24	ug/L		08/11/15 12:52	08/11/15 22:36	
Calcium	74000		500	25	ug/L		08/11/15 12:52	08/11/15 22:36	
Iron	40000		50	17	ug/L		08/11/15 12:52	08/11/15 22:36	
Magnesium	16000		500	33	ug/L		08/11/15 12:52	08/11/15 22:36	
Potassium	9700		1000	17	ug/L		08/11/15 12:52	08/11/15 22:36	
Sodium	29000		1000	480	ug/L		08/11/15 12:52	08/11/15 22:36	
Method: 200.7 Rev 4.4 - Meta	ls (ICP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL.	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum, Dissolved	1800	***************************************	200	24	ug/L		08/11/15 12:52	08/11/15 21:08	-
Calcium, Dissolved	51000		500	25	ug/L		08/11/15 12:52	08/11/15 21:08	
Iron, Dissolved	1300		50	17	ug/L		08/11/15 12:52	08/11/15 21:08	•
Potassium, Dissolved	2900		1000	17	ug/L		08/11/15 12:52	08/11/15 21:08	
Magnesium, Dissolved	6500		500	33	ug/L		08/11/15 12:52	08/11/15 21:08	
Sodium, Dissolved	26000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:08	
Method: 2340B-2011 - Total H	lardness (as	CaCO3) by c	alculatio	1					
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	250		3.3	3.3	mg/L			08/11/15 22:36	
Method: 245.1 - Mercury (CVA	<b>λ</b> Α)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.080	U -	0.20	0.080	ug/L		08/11/15 13:44	08/11/15 21:04	***************************************
Method: 245.1 - Mercury (CVA	AA) - Dissolv	red							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U —	0.20	0.080	ug/L		08/11/15 13:44	08/11/15 20:24	
General Chemistry									
Analyte	Result	Qualifier —	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
pH	8.11	HE J			SU	**********		08/11/15 19:05	-
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	95		5.0	5.0	mg/L	internationalism groups		08/11/15 19:05	
Total Suspended Solids	1600		50	50	mg/L			08/11/15 11:35	
Total Dissolved Solids	320		10	40	mg/L			08/11/15 14:33	

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Client Sample ID: SJ4C-080915-11

Date Collected: 08/09/15 15:31 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-6

Matrix: Water

ate incoeived. Doi: ii io oo.oo									
Method: 200.7 Rev 4.4 - Meta				sen.					Dil F
Analyte Aluminum	33000	Qualifier	RL 200	MDL	ua/L	D	Prepared 08/11/15 12:52	Analyzed 08/11/15 22:41	UII F
이 경기가 가게 되었다. 아이는 살아 그렇다면 살아 보는데 그리고 없다는데 그리고 없다.			500		ug/L ug/L			08/11/15 22:41	
Calcium	87000		500 50						
ron	35000		500		ug/L			08/11/15 22:41 08/11/15 22:41	
Magnesium	17000				ug/L	a Tanana jajan da		경기가 있는 이번 모양을 보니?	
Potassium	9300		1000	and the second	ug/L			08/11/15 22:41	
Sodium	26000		1000	480	ug/L		08/11/15 12:52	08/11/15 22:41	
Method: 200.7 Rev 4.4 - Meta	ls (ICP) - Dis	solved				en e			
Analyte		Qualifier	RL.	MDL		D	Prepared	Analyzed	Dil F
Aluminum, Dissolved	24	U	200	24	ug/L	-	08/11/15 12:52	08/11/15 21:13	
Calcium, Dissolved	55000		500	25	ug/L		08/11/15 12:52	08/11/15 21:13	141
ron, Dissolved	17	U	50	17	ug/L		08/11/15 12:52	08/11/15 21:13	
Potassium, Dissolved	2800	Land Salah	1000	17	ug/L		08/11/15 12:52	08/11/15 21:13	
Magnesium, Dissolved	6800		500	33	ug/L		08/11/15 12:52	08/11/15 21:13	
Sodium, Dissolved	24000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:13	
Method: 2340B-2011 - Total H	lardness (as	CaCO3) by	calculation						
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	DII F
Total Hardness	290	***************************************	3.3	3.3	mg/L			08/11/15 22:41	***************************************
Method: 245.1 - Mercury (CV/	1Δ)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII F
Mercury	0.080	U	0.20	0.080	ug/L		08/11/15 13:44	08/11/15 21:07	***************************************
Method: 245.1 - Mercury (CVA	۱۸۱ - Dieeoly	od.							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
	0.080	<u> </u>	0.20	0.000	ug/L	and and a	08/11/15 13:44	08/11/15 20:27	-
Mercury, Dissolved	0.000	**	0.20	0.000	~g. ~				
명보일이 발표하는 이 살아다			0.20	0.060					
General Chemistry		Qualifier	NONE	NONE		D	Prepared	Analyzed	Dil I
General Chemistry Analyte		Qualifier				<b>D</b> _		Analyzed 08/11/15 19:12	Dill
General Chemistry Analyte oH	Result 8.08	Qualifier HF	NONE	NONE	Unit	<u>D</u>	Prepared	08/11/15 19:12	Dil I
General Chemistry Analyte oH Analyte	Result 8.08 Result	Qualifier	NONE	NONE	Unit SU Unit			the property of the property of the felt of	
Mercury, Dissolved  General Chemistry  Analyte  OH  Analyte  Alkalinity  Fotal Suspended Solids	Result 8.08	Qualifier HF	NONE	NONE RL 5.0	Unit SU		Prepared	08/11/15 19:12 Analyzed	

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Lab Sample ID: 680-115432-7

Matrix: Water

Clien	t Sa	amp	le II	): S.	JFP-	0809	115-1	11
				and the face of			100	
Data C	'Alla	nator	<ul> <li>ng/</li> </ul>	NQ/15	10.1	5		

Date Received: 08/11/15 09:39

Analyte	P) Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25000	-	200	24	ug/L	*****	08/11/15 13:06	08/11/15 22:45	
Calcium	64000		500	25	ug/L		08/11/15 13:06	08/11/15 22:45	
Iron	22000		50	17	ug/L		08/11/15 13:06	08/11/15 22:45	1
Magnesium	13000		500	33	ug/L		08/11/15 13:06	08/11/15 22:45	
Potassium	7300	. 18	1000		ug/L		08/11/15 13:06	08/11/15 22:45	1
Sodium	22000		1000	480	ug/L		08/11/15 13:06	08/11/15 22:45	
Method: 200.7 Rev 4.4 - Metals (ICI	P) - Dis	solved							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L	www.	08/11/15 12:52	08/11/15 21:17	***************************************
Calcium, Dissolved	50000		500	25	ug/L		08/11/15 12:52	08/11/15 21:17	
ron, Dissolved	17	U	50	17	ug/L		08/11/15 12:52	08/11/15 21:17	
Potassium, Dissolved	2300		1000	17	ug/L		08/11/15 12:52	08/11/15 21:17	
Magnesium, Dissolved	6500		500	33	ug/L		08/11/15 12:52	08/11/15 21:17	100
Sodium, Dissolved	20000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:17	
Method: 2340B-2011 - Total Hardne	ess (as	CaCO3) by	calculation						
Analyte		Qualifier	RL	RL	Unit	D	Prepared	Analyzed	DII Fac
Total Hardness	210	***************************************	3.3	3.3	mg/L	AMON.	Art of the second secon	08/11/15 22:45	***************************************
Method: 245.1 - Mercury (CVAA)									
	Result	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac
Analyte				2 7 7 8 5 Feb.				- AND	****
Mercury	0.080		0.20	0.080			08/11/15 13:44	08/11/15 21:10	
Mercury	0.080	Ü.					08/11/15 13:44	08/11/15 21:10	
Mercury Method: 245.1 - Mercury (CVAA) - I	0.080 Dissolv	Ü.			ug/L	_ D		08/11/15 21:10 Analyzed	Dii Fad
	0.080 Dissolv	/ed Qualifier	0.20	0.080	ug/L Unit	D	08/11/15 13:44  Prepared 08/11/15 13:44		Dii Fac
Mercury Method: 245.1 - Mercury (CVAA) - I Analyte Mercury, Dissolved	0.080 Dissolv Rosult	/ed Qualifier	0.20 RL	0.080 MDL	ug/L Unit	_ D	Prepared	Analyzed	Dii Fac
Mercury Method: 245.1 - Mercury (CVAA) - I Analyte	0.080 Dissolv Rosult 0.080	/ed Qualifier	0.20 RL	0.080 MDL	ug/L Unit ug/L	_ D	Prepared	Analyzed	protection and consequent
Mercury Method: 245.1 - Mercury (CVAA) - I Analyte Mercury, Dissolved General Chemistry Analyte	0.080 Dissolv Rosult 0.080	ved Qualifier U	0.20 RL 0.20	0.080 MDL 0.080	ug/L Unit ug/L	****	Prepared 08/11/15 13:44	Analyzed 08/11/15 20:30	protection and consequent
Method: 245.1 - Mercury (CVAA) - I Analyte Mercury, Dissolved General Chemistry Analyte pH	0.080 Dissolv Rosult 0.080  Result 8.03	/ed Qualifier U Qualifier HF	0.20  RL 0.20  NONE	0.080 MDL 0.080 NONE	Unit ug/L  Unit SU	D	Prepared 08/11/15 13:44  Prepared	Analyzed 08/11/15 20:30 Analyzed 08/11/15 19:31	DII Fac
Mercury  Method: 245.1 - Mercury (CVAA) - I Analyte Mercury, Dissolved  General Chemistry Analyte pH Analyte	0.080 Dissolv Result 0.080 Result 8.03 Result	ved Qualifier U	0.20  RL 0.20  NONE	0.080 MDL 0.080 NONE	Unit Ug/L  Unit Ug/L  Unit SU Unit	****	Prepared 08/11/15 13:44	Analyzed 08/11/15 20:30 Analyzed	DII Fac
Mercury Method: 245.1 - Mercury (CVAA) - I Analyte Mercury, Dissolved General Chemistry	0.080 Dissolv Rosult 0.080  Result 8.03	/ed Qualifier U Qualifier HF	0.20  RL 0.20  NONE	0.080 MDL 0.080 NONE	Unit ug/L  Unit SU	D	Prepared 08/11/15 13:44  Prepared	Analyzed 08/11/15 20:30  Analyzed 08/11/15 19:31 Analyzed	Dil Fac

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TestAmerica Savannah

8/12/2015

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Client: Weston Solutions, Inc. Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Client Sample ID: SJHB-080915-11

Date Collected: 08/09/15 11:31 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-8

Matrix: Water

rate Maceived, novi ivio do so	-			****************			·		· manuscript commence
Method: 200.7 Rev 4.4 - Metals (IC		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dii Fi
Aluminum	35000	-	200		ug/L	-	08/11/15 13:06	08/11/15 22:59	-
Calcium	81000		500		ug/L	. Same Same	08/11/15 13:06	08/11/15 22:59	
Iron	31000		50		ug/L		08/11/15 13:06	08/11/15 22:59	
Magnesium	16000		500		ug/L	and the second	08/11/15 13:06	08/11/15 22:59	
Potassium	9200		1000	19.00	ug/L		08/11/15 13:06	08/11/15 22:59	
Sodium	24000		1000		ug/L			08/11/15 22:59	
Method: 200.7 Rev 4.4 - Metals (IC	P) - Dis	solved							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Aluminum, Dissolved	330		200	24	ug/L		08/11/15 12:52	08/11/15 21:22	***************************************
Calcium, Dissolved	52000		500	25	ug/L		08/11/15 12:52	08/11/15 21:22	
Iron, Dissolved	220		50	17	ug/L		08/11/15 12:52	08/11/15 21:22	
Potassium, Dissolved	2500		1000	17	ug/L		08/11/15 12:52	08/11/15 21:22	
Magnesium, Dissolved	6800		500	33	ug/L		08/11/15 12:52	08/11/15 21:22	
Sodium, Dissolved	22000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:22	
Method: 2340B-2011 - Total Hardn Analyte		CaCO3) by	calculation RL	D)	Unit	D	Prepared	Analyzed	Dii F
Total Hardness	270	MUIIII	3.3		mg/L			08/11/15 22:59	
	****		•	W-100					
Method: 245.1 - Mercury (CVAA)		and the second of the second o							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Mercury	0.080	V	0.20	0.080	ug/L		08/11/15 13:44	08/11/15 21:13	SOUTH CONTROL STATE
Method: 245.1 - Mercury (CVAA) -									
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DilF
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/11/15 13:44	08/11/15 20:33	
General Chemistry Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil F
jii''	8.12	-			SU			08/11/15 19:38	***************************************
[마리 - B - B - Reference of the Barton of				es i			Dramavad		Dil F
Analyte	Kesuit 94	Qualifier	RL 5.0	RL 5.0	Unit mg/L	<u>D</u>	Prepared	Analyzed 08/11/15 19:38	- UII F
Alkalinity	100		5.U 50					08/11/15 13:06	
Total Suspended Solids	2200		50 10		mg/L			08/11/15 14:33	
Total Dissolved Solids	310		10	10	mg/L			UOIT II 10 14:33	

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Client Sample ID: SJLP-080915-11 Lab Sample ID: 680-115432-9

Date Collected: 08/09/15 09:54 Matrix: Water Date Received: 08/11/15 09:39

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25000		200	24	ug/L		08/11/15 13:33	08/11/15 23:18	* Particular September 1997
Calcium	72000		500	25	ug/L		08/11/15 13:33	08/11/15 23:18	1
Iron	24000		50	17	ug/L		08/11/15 13:33	08/11/15 23:18	•
Magnesium	13000		500	33	ug/L		08/11/15 13:33	08/11/15 23:18	1
Potassium	7600		1000	17	ug/L		08/11/15 13:33	08/11/15 23:18	•
Sodium	20000		1000	480	ug/L		08/11/15 13:33	08/11/15 23:18	
Method: 200.7 Rev 4.4 - Metal	s (ICP) - Dis	solved							
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	Ū	200	24	ug/L		08/11/15 12:52	08/11/15 21:27	4
Calcium, Dissolved	51000		500	25	ug/L		08/11/15 12:52	08/11/15 21:27	1
Iron, Dissolved	17	U	50	17	ug/L		08/11/15 12:52	08/11/15 21:27	1
Potassium, Dissolved	2400		1000	17	ug/L		08/11/15 12:52	08/11/15 21:27	1
Magnesium, Dissolved	6600		500	33	ug/L		08/11/15 12:52	08/11/15 21:27	
Sodium, Dissolved	19000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:27	•
Method: 2340B-2011 - Total H	ardness (as	CaCO3) by	calculation						
Analyte	Result	Qualifier	RL.	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	230		3.3	3.3	mg/L			08/11/15 23:18	
Method: 245.1 - Mercury (CVA	(A)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L	_	08/11/15 15:17	08/11/15 19:28	***************************************
Method: 245.1 - Mercury (CVA	A) - Dissolv	red							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	Ū	0.20	0.080	ug/L		08/11/15 15:17	08/11/15 19:06	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
рН	8.10	HF J	tyriqoqualifatiquiskiskiskisqillanininke quivotge		SU		***************************************	08/11/15 19:46	
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
		***************************************							
	92		5.0	5.0	mg/L			08/11/15 19:46	1
Alkalinity Total Suspended Solids	92 1600		5.0 50	5.0 50	mg/L mg/L			08/11/15 19:46 08/11/15 13:06	1

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TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Client Sample ID: MECT-080915-11 Lab Sample ID: 680-115432-10

Date Collected: 08/09/15 14:05 Matrix: Water Date Received: 08/11/15 09:39

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8600	- Manager - Mana	200	24	ug/L		08/11/15 13:33	08/11/15 23:36	
Calcium	190000		500	25	ug/L		08/11/15 13:33	08/11/15 23:36	1
Iron	7600		50	17	ug/L		08/11/15 13:33	08/11/15 23:36	1
Magnesium	73000		500	33	ug/L		08/11/15 13:33	08/11/15 23:36	1
Potassium	8100		1000	17	ug/L		08/11/15 13:33	08/11/15 23:36	1
Sodium	67000		1000	480	ug/L		08/11/15 13:33	08/11/15 23:36	•
Method: 200.7 Rev 4.4 - Metals	(ICP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	62	J	200	24	ug/L		08/11/15 12:52	08/11/15 21:31	
Calcium, Dissolved	160000		500	25	ug/L		08/11/15 12:52	08/11/15 21:31	1
Iron, Dissolved	17	J	50	17	ug/L		08/11/15 12:52	08/11/15 21:31	1
Potassium, Dissolved	5400		1000	17	ug/L		08/11/15 12:52	08/11/15 21:31	1
Magnesium, Dissolved	68000		500	33	ug/L		08/11/15 12:52	08/11/15 21:31	1
Sodium, Dissolved	67000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:31	1
Method: 2340B-2011 - Total Ha	ırdness (as	CaCO3) by	calculation	1					
Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	780		3.3	3.3	mg/L			08/11/15 23:36	
Method: 245.1 - Mercury (CVA	A)								
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/11/15 15:17	08/11/15 19:37	1
Method: 245.1 - Mercury (CVA	A) - Dissolv	red .							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/11/15 15:17	08/11/15 19:19	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.26	HP )	magnet of the first of the firs	- War-quarter-state and state and st	SU	acceptation strates	According to the CA windows to the last live to the second	08/12/15 07:04	1
Analyte	Result	, Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	210	***************************************	5.0	5.0	mg/L	-		08/12/15 07:04	1
•	620		33	33	mg/L			08/11/15 13:06	
Total Suspended Solids	020		<b>33</b>	33	my/L			00/11/10 13:00	

OFE/1/2/15

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Client Sample ID: SJME-080915-11

Date Collected: 08/09/15 16:35

Lab Sample ID: 680-115432-11 Matrix: Water

Date Collected: 08/09/15 16:35 Date Received: 08/11/15 09:39									
Method: 200.7 Rev 4.4 - Metals	s (ICP)	Dar		***************************************					
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	59000	services and the services are the services and the services are the servic	200	24	ug/L		08/11/15 13:33	08/12/15 00:00	1
Calcium	130000		500	25	ug/L		08/11/15 13:33	08/12/15 00:00	
Iron	47000		50	17	ug/L		08/11/15 13:33	08/12/15 00:00	
Magnesium	27000		500	33	ug/L		08/11/15 13:33	08/12/15 00:00	
Potassium	15000		1000	17	ug/L		08/11/15 13:33	08/12/15 00:00	
Sodium	32000		1000	480	ug/L		08/11/15 13:33	08/12/15 00:00	
Method: 200.7 Rev 4.4 - Metal:	s (ICP) - Dis	solved							
Analyte		Qualifier	RL.	MDL		D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	3200	J	200		ug/L		08/11/15 12:52	08/11/15 21:36	
Calcium, Dissolved	59000		500	25	ug/L		08/11/15 12:52	08/11/15 21:36	
Iron, Dissolved	2000	7	50	17	ug/L		08/11/15 12:52	08/11/15 21:36	
Potassium, Dissolved	3900		1000	17	ug/L		08/11/15 12:52	08/11/15 21:36	
Magnesium, Dissolved	7800		500	33	ug/L		08/11/15 12:52	08/11/15 21:36	
<del>-</del>	31000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:36	•
Sodium, Dissolved		CaCO3) by			ug/L		08/11/15 12:52	08/11/15 21:36	•
Sodium, Dissolved Method: 2340B-2011 - Total H	ardness (as	CaCO3) by Qualifier		n RL	Unit	D	08/11/15 12:52 Prepared	08/11/15 21:36  Analyzed	Dil Fac
Sodium, Dissolved Method: 2340B-2011 - Total H Analyte	ardness (as		calculation	n RL		<u>D</u>			Dil Fac
Sodium, Dissolved Method: 2340B-2011 - Total H Analyte Total Hardness	ardness (as Result 430	Qualifier	calculation RL 3.3	n RL 3.3	Unit mg/L	<u>D</u>		Analyzed	
Sodium, Dissolved Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA	ardness (as Result 430 (A)	Qualifier Qualifier	calculation RL 3.3	n RL 3.3 MDL	Unit mg/L Unit	<u>D</u>	Prepared Prepared	Analyzed 08/12/15 00:00 Analyzed	•
Sodium, Dissolved  Method: 2340B-2011 - Total H Analyte Total Hardness  Method: 245.1 - Mercury (CVA Analyte	ardness (as Result 430	Qualifier Qualifier	calculation RL 3.3	n RL 3.3	Unit mg/L Unit	ontonominator Homes	Prepared	Analyzed 08/12/15 00:00	Dil Fac
Sodium, Dissolved  Method: 2340B-2011 - Total Hanalyte  Total Hardness  Method: 245.1 - Mercury (CVA Analyte  Mercury  Method: 245.1 - Mercury (CVA	ardness (as Result 430 AA) Result 0.080 AA) - Dissolv	Qualifier Qualifier U	RL 0.20	RL 3.3 MDL 0.080	Unit mg/L Unit ug/L	D	Prepared Prepared 08/11/15 15:17	Analyzed 08/12/15 00:00  Analyzed 08/11/15 19:40	Dil Fac
Sodium, Dissolved  Method: 2340B-2011 - Total History Analyte  Total Hardness  Method: 245.1 - Mercury (CVA Analyte  Mercury  Method: 245.1 - Mercury (CVA Analyte	ardness (as Result 430 AA) Result 0.080 AA) - Dissolv Result	Qualifier  Qualifier  U  /ed  Qualifier	RL 0.20	MDL MDL	Unit mg/L Unit ug/L	ontonominator Homes	Prepared Prepared 08/11/15 15:17 Prepared	Analyzed 08/12/15 00:00  Analyzed 08/11/15 19:40  Analyzed	Dil Fa
Sodium, Dissolved  Method: 2340B-2011 - Total H. Analyte Total Hardness  Method: 245.1 - Mercury (CVA Analyte Mercury  Method: 245.1 - Mercury (CVA Analyte	ardness (as Result 430 AA) Result 0.080 AA) - Dissolv	Qualifier  Qualifier  U  /ed  Qualifier	RL 0.20	MDL MDL	Unit mg/L Unit ug/L	D	Prepared Prepared 08/11/15 15:17	Analyzed 08/12/15 00:00  Analyzed 08/11/15 19:40	Dil Fa
Sodium, Dissolved  Method: 2340B-2011 - Total H. Analyte Total Hardness  Method: 245.1 - Mercury (CVA Analyte Mercury  Method: 245.1 - Mercury (CVA Analyte Mercury  Mercury (CVA Analyte Mercury, Dissolved  General Chemistry	AA) - Dissolv Result 0.080 AB - Dissolv Result 0.080	Qualifier  Qualifier  U  /ed  Qualifier  U  U	RL 0.20	MDL 0.080	Unit mg/L Unit ug/L Unit ug/L		Prepared 08/11/15 15:17  Prepared 08/11/15 15:17	Analyzed 08/12/15 00:00  Analyzed 08/11/15 19:40  Analyzed 08/11/15 19:22	Dil Fa
Sodium, Dissolved  Method: 2340B-2011 - Total Hanalyte Total Hardness  Method: 245.1 - Mercury (CVA Analyte Mercury  Method: 245.1 - Mercury (CVA Analyte Mercury  Method: 245.1 - Mercury (CVA Analyte  Mercury, Dissolved  General Chemistry  Analyte	ardness (as Result 430 AA) Result 0.080 AA) - Dissolv Result 0.080 Result	Qualifier  Qualifier  Ved Qualifier  U	RL 0.20	MDL MDL	Unit mg/L Unit ug/L Unit ug/L Unit	D	Prepared Prepared 08/11/15 15:17 Prepared	Analyzed 08/12/15 00:00  Analyzed 08/11/15 19:40  Analyzed 08/11/15 19:22  Analyzed	Dil Fac
Sodium, Dissolved  Method: 2340B-2011 - Total Hanalyte Total Hardness  Method: 245.1 - Mercury (CVA Analyte Mercury  Method: 245.1 - Mercury (CVA Analyte Mercury  Method: 245.1 - Mercury (CVA Analyte  Mercury, Dissolved  General Chemistry  Analyte	AA) - Dissolv Result 0.080 AB - Dissolv Result 0.080	Qualifier  Qualifier  U  /ed  Qualifier  U  U	RL 0.20	MDL 0.080	Unit mg/L Unit ug/L Unit ug/L		Prepared 08/11/15 15:17  Prepared 08/11/15 15:17	Analyzed 08/12/15 00:00  Analyzed 08/11/15 19:40  Analyzed 08/11/15 19:22	Dil Fa
Sodium, Dissolved  Method: 2340B-2011 - Total H. Analyte Total Hardness  Method: 245.1 - Mercury (CVA Analyte Mercury  Method: 245.1 - Mercury (CVA Analyte Mercury  Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved  General Chemistry Analyte pH	ardness (as Result 430 AA) Result 0.080 AA) - Dissolv Result 0.080 Result 8.01	Qualifier  Qualifier  Ved Qualifier  U	RL 0.20	MDL 0.080 MDL 0.080	Unit mg/L Unit ug/L Unit ug/L Unit		Prepared 08/11/15 15:17  Prepared 08/11/15 15:17	Analyzed 08/12/15 00:00  Analyzed 08/11/15 19:40  Analyzed 08/11/15 19:22  Analyzed	Dil Fa
Sodium, Dissolved  Method: 2340B-2011 - Total Hanalyte Total Hardness  Method: 245.1 - Mercury (CVA Analyte Mercury  Method: 245.1 - Mercury (CVA Analyte Mercury  Method: 545.1 - Mercury (CVA Analyte Mercury, Dissolved  General Chemistry  Analyte pH  Analyte	ardness (as Result 430 AA) Result 0.080 AA) - Dissolv Result 0.080 Result 8.01	Qualifier  U  Qualifier  U  Qualifier  Qualifier  HF	RL 0.20  RL 0.20  NONE	MDL 0.080 MDL 0.080	Unit mg/L  Unit ug/L  Unit ug/L  Unit ug/L		Prepared  08/11/15 15:17  Prepared  08/11/15 15:17  Prepared	Analyzed 08/12/15 00:00  Analyzed 08/11/15 19:40  Analyzed 08/11/15 19:22  Analyzed 08/12/15 07:16	Dil Fa
Method: 2340B-2011 - Total H. Analyte Total Hardness  Method: 245.1 - Mercury (CVA Analyte Mercury  Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved  General Chemistry Analyte pH Analyte Alkalinity Total Suspended Solids	ardness (as Result 430 AA) Result 0.080 AA) - Dissolv Result 0.080  Result Result Result Result Result	Qualifier  U  Qualifier  U  Qualifier  Qualifier  HF	RL 0.20  NONE	MDL 0.080 MDL 0.080 NONE	Unit mg/L  Unit ug/L  Unit ug/L  Unit ug/L  Unit Unit Unit		Prepared  08/11/15 15:17  Prepared  08/11/15 15:17  Prepared	Analyzed 08/12/15 00:00  Analyzed 08/11/15 19:40  Analyzed 08/11/15 19:22  Analyzed 08/12/15 07:16 Analyzed	Dil Fa

068/19/1

TestAmerica Savannah

Client: Weston Solutions, Inc. Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Client Sample ID: SJME Date Collected: 08/09/15 16:3 Date Received: 08/11/15 09:3	5	Jolg	unl			Lal	o Sample II	D: 680-1154 Matrix	132-12 : Water
Method: 200.7 Rev 4.4 - Met	als (ICP)	U' '	***************************************	***************************************					
Analyte	Result	Qualifier	RL.		Unit	D	Prepared	Analyzed	DII Fac
Aluminum	58000		200	24	ug/L		08/11/15 13:33	08/12/15 00:04	1
Calcium	130000		500	25	ug/L		08/11/15 13:33	08/12/15 00:04	1
Iron	46000		50	17	ug/L		08/11/15 13:33	08/12/15 00:04	1 1
Magnesium	27000		500	33	ug/L		08/11/15 13:33	08/12/15 00:04	1
Potassium	15000		1000	17	ug/L		08/11/15 13:33	08/12/15 00:04	. 1
Sodium	33000		1000	480	ug/L		08/11/15 13:33	08/12/15 00:04	1
Method: 200.7 Rev 4.4 - Met	als (ICP) - Dis	solved							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	5700	T :	200	24	ug/L		08/11/15 12:52	08/11/15 21:41	1
Calcium, Dissolved	61000		500	25	ug/L		08/11/15 12:52	08/11/15 21:41	
Iron, Dissolved	3500	J	50	17	ug/L		08/11/15 12:52	08/11/15 21:41	
Potassium, Dissolved	4500		1000	17	ug/L		08/11/15 12:52	08/11/15 21:41	
Magnesium, Dissolved	8500		500	33	ug/L		08/11/15 12:52	08/11/15 21:41	1
Sodium, Dissolved	31000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:41	
Method: 2340B-2011 - Total			calculatio	n					
Analyte	Result	Qualifier	RL	200	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	440		3.3	3.3	mg/L			08/12/15 00:04	1
Method: 245.1 - Mercury (C)			ting player and the second						
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/11/15 15:18	08/11/15 19:43	1
Method: 245.1 - Mercury (C)									
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	DII Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/11/15 15:17	08/11/15 19:25	1
General Chemistry									
Analyte		Qualifier	NONE	NONE		D	Prepared	Analyzed	Dil Fac
<b>PH</b>	8.08	HF J			SU			08/12/15 07:23	. 1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	91	Anti-depth of the second secon	5.0	5.0	mg/L	etaphidamentatic total		08/12/15 07:23	
Total Suspended Solids	2900		50	50	mg/L			08/11/15 13:06	. 1
Total Dissolved Solids	330		10	10	mg/L			08/11/15 14:33	1

TestAmerica Savannah

Page 19 of 49

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Lab Sample ID: 680-115432-1

Matrix: Water

## Client Sample ID: SJBB-080915-11

Date Collected: 08/09/15 18:25 Date Received: 08/11/15 09:39

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL. MDL Unit D Prepared Dil Fac Analyzed Antimony 0.40 UF 1.0 0.40 ug/L 08/11/15 12:52 08/11/15 23:05 Arsenic 9.2 1.0 0.37 ug/L 08/11/15 12:52 08/11/15 23:05 Barium 720 2.0 08/11/15 12:52 08/11/15 23:05 0.14 ug/L 1 3.1 0.40 Beryllium 0.15 ug/L 08/11/15 12:52 08/11/15 23:05 Cadmium 0.12 J 0.20 0.086 ug/L 08/11/15 12:52 08/12/15 11:00 27 Chromium 2.0 08/11/15 12:52 08/11/15 23:05 1.0 ug/L Cobalt 22 0.40 0.12 ug/L 08/11/15 12:52 08/11/15 23:05 Copper 51 1.0 0.50 ug/L 08/11/15 12:52 08/11/15 23:05 40 0.30 0.060 ug/L 08/11/15 12:52 08/11/15 23:05 Lead 1200 2.5 08/11/15 12:52 08/11/15 23:05 Manganese 1.2 ug/L 1.0 08/11/15 12:52 08/11/15 23:05 32 0.40 ug/L 1 Nickel 0.58 U 2.0 Selenium 0.58 ug/L 08/11/15 12:52 08/11/15 23:05 0.20 J 1.0 08/11/15 12:52 08/11/15 23:05 Silver 0.10 ug/L 0.20 Thallium 0.57 0.10 ug/L 08/11/15 12:52 08/11/15 23:05 Vanadium 1.0 0.30 ug/L 08/11/15 12:52 08/11/15 23:05 20 Zinc 150 F/ 2.8 ug/L 08/11/15 12:52 08/11/15 23:05 1 1.5 F/I 1.0 0.45 ug/L 08/11/15 12:52 08/11/15 23:05 Molybdenum

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	Ū	1.0	0.40	ug/L	**********	08/11/15 12:52	08/11/15 21:39	1
Arsenic, Dissolved	1.1		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 21:39	1
Barium, Dissolved	74		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 21:39	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 21:39	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 21:39	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 21:39	1
Cobalt, Dissolved	0.13	J	0.40	0.12	ug/L		08/11/15 12:52	08/11/15 21:39	1
Copper, Dissolved	2.3		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 21:39	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 21:39	. 1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		08/11/15 12:52	08/11/15 21:39	1
Molybdenum, Dissolved	2.1		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 21:39	1
Nickel, Dissolved	1.2		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 21:39	1
Selenium, Dissolved	0.86	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 21:39	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 21:39	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 21:39	1
Vanadium, Dissolved	2.8		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 21:39	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/11/15 12:52	08/11/15 21:39	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Lab Sample ID: 680-115432-2

Matrix: Water

#### Client Sample ID: SJMH-080915-11

Date Collected: 08/09/15 19:05 Date Received: 08/11/15 09:39

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U U -	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:22	
Arsenic	21		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 23:22	1
Barium	2300		10	0.70	ug/L		08/11/15 12:52	08/12/15 10:56	5
Beryllium	8.1		0.40	0.15	ug/L		08/11/15 12:52	08/11/15 23:22	1
Cadmium	0.22	U	0.50	0.22	ug/L		08/11/15 12:52	08/12/15 10:56	5
Chromium	70		2.0	1.0	ug/L		08/11/15 12:52	08/11/15 23:22	1
Cobalt	55		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 23:22	1
Copper	87		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 23:22	1
Lead	85		0.30	0.060	ug/L		08/11/15 12:52	08/11/15 23:22	1
Manganese	3400		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 23:22	1
Nickel	110		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:22	1
Selenium	5.2	J	10	2.9	ug/L		08/11/15 12:52	08/12/15 10:56	5
Silver	0.39	j	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 23:22	1
Thallium	1.4		0.20	0.10	ug/L		08/11/15 12:52	08/11/15 23:22	1
Vanadium	160		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 23:22	1
Zinc	290	<b>ブ</b> ー	20	2.8	ug/L		08/11/15 12:52	08/11/15 23:22	1
Molybdenum	1.7	7-	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 23:22	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	Ū	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:03	1
Arsenic, Dissolved	2.0		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:03	1
Barium, Dissolved	130		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:03	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:03	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:03	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:03	1
Cobalt, Dissolved	0.31	J	0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:03	1
Copper, Dissolved	2.8		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:03	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:03	1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:03	1
Molybdenum, Dissolved	2.4		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:03	1
Nickel, Dissolved	1.4		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:03	1
Selenium, Dissolved	0.92	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:03	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:03	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:03	1
Vanadium, Dissolved	7.9		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:03	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:03	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJMC-080915-11 Lab Sample ID: 680-115432-3

Date Collected: 08/09/15 17:50 Matrix: Water Date Received: 08/11/15 09:39

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	ਹ <i>ਹ</i> ੀ	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:26	1
Arsenic	8.9		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 23:26	1
Barium	600		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 23:26	1
Beryllium	2.6		0.40	0.15	ug/L		08/11/15 12:52	08/11/15 23:26	1
Cadmium	0.086	U	0.20	0.086	ug/L		08/11/15 12:52	08/12/15 09:38	2
Chromium	25		2.0	1.0	ug/L		08/11/15 12:52	08/11/15 23:26	1
Cobalt	19		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 23:26	1
Copper	44		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 23:26	1
Lead	33		0.30	0.060	ug/L		08/11/15 12:52	08/11/15 23:26	1
Manganese	940		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 23:26	1
Nickel	26		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:26	1
Selenium	0.84	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 23:26	1
Silver	0.19	J	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 23:26	1
Thallium	0.49		0.20	0.10	ug/L		08/11/15 12:52	08/11/15 23:26	1
Vanadium	60		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 23:26	1
Zinc	130	T	20	2.8	ug/L		08/11/15 12:52	08/11/15 23:26	1
Molybdenum	1.5	<b>—</b> —	1.0		ug/L		08/11/15 12:52	08/11/15 23:26	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	Ū	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:16	1
Arsenic, Dissolved	0.86	J	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:16	1
Barium, Dissolved	77		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:16	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:16	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:16	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:16	1
Cobalt, Dissolved	0.13	J	0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:16	1
Copper, Dissolved	2.0		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:16	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:16	1
Manganese, Dissolved	1.2	J	2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:16	1
Molybdenum, Dissolved	2.1		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:16	1
Nickel, Dissolved	1.5		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:16	1
Selenium, Dissolved	0.90	,J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:16	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:16	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:16	. 1
Vanadium, Dissolved	2.6		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:16	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:16	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Lab Sample ID: 680-115432-4

Matrix: Water

Client Sample ID: SJDS-080915-11

Date Collected: 08/09/15 13:15 Date Received: 08/11/15 09:39

Method: 200.8 - Metals (ICP/MS) Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U UT	1.0	0.40	ug/L	armirinament House	08/11/15 12:52	08/11/15 23:30	1
Arsenic	9.4		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 23:30	1
Barium	490		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 23:30	1
Beryllium	1.8		0.40	0.15	ug/L		08/11/15 12:52	08/11/15 23:30	1
Cadmium	0.12	J	0.20	0.086	ug/L		08/11/15 12:52	08/12/15 09:42	2
Chromium	18		2.0	1.0	ug/L		08/11/15 12:52	08/11/15 23:30	1
Cobalt	13		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 23:30	1
Copper	44		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 23:30	1
Lead	96		0.30	0.060	ug/L		08/11/15 12:52	08/11/15 23:30	1
Manganese	700		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 23:30	1
Nickel	17		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:30	1
Selenium	1.1	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 23:30	1
Silver	0.67	J	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 23:30	1
Thallium	0.35		0.20	0.10	ug/L		08/11/15 12:52	08/11/15 23:30	1
Vanadium -	43		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 23:30	1
Zinc	130	丁-	20	2.8	ug/L		08/11/15 12:52	08/11/15 23:30	1
Molybdenum	1.7	<b>T</b> -	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 23:30	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0,40	Ū –	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:20	1
Arsenic, Dissolved	0.81	J	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:20	1
Barium, Dissolved	80		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:20	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:20	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:20	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:20	1
Cobalt, Dissolved	0.54		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:20	1
Copper, Dissolved	3.5		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:20	1
Lead, Dissolved	3.5		0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:20	1
Manganese, Dissolved	32		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:20	1
Molybdenum, Dissolved	1.7		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:20	1
Nickel, Dissolved	1.5		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:20	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:20	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:20	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:20	1
Vanadium, Dissolved	2.8		. 1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:20	1
Zinc, Dissolved	7.0	J	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:20	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJSR-080915-11 Lab Sample ID: 680-115432-5

Date Collected: 08/09/15 12:35 Matrix: Water

Date Received: 08/11/15 09:39

Method: 200.8 - Metals (ICP/MS) Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	0 65	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:34	1
Arsenic	9.9	<b>O</b> .	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 23:34	1
Barium	630		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 23:34	1
Beryllium	2.5		0.40	0.15	ug/L		08/11/15 12:52	08/11/15 23:34	1
Cadmium	0.086	U	0.20	0.086	ug/L		08/11/15 12:52	08/12/15 09:46	2
Chromium	22		2.0	1.0	ug/L		08/11/15 12:52	08/11/15 23:34	1
Cobalt	18		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 23:34	1
Copper	50		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 23:34	1
Lead	70		0.30	0.060	ug/L		08/11/15 12:52	08/11/15 23:34	1
Manganese	860		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 23:34	1
Nickel	22		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:34	1
Selenium	0.60	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 23:34	1
Silver	0.44	J	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 23:34	1
Thallium	0.46		0.20	0.10	ug/L		08/11/15 12:52	08/11/15 23:34	1
Vanadium	57		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 23:34	1
Zinc	150	丁-	20	2.8	ug/L		08/11/15 12:52	08/11/15 23:34	1
Molybdenum	1.3	<b>T</b> -	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 23:34	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:24	1
Arsenic, Dissolved	0.80	J	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:24	1
Barium, Dissolved	81		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:24	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:24	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:24	1
Chromium, Dissolved	1.2	J	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:24	1
Cobalt, Dissolved	0.67		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:24	1
Copper, Dissolved	4.0		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:24	1
Lead, Dissolved	2.7		0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:24	1
Manganese, Dissolved	_32_		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:24	1
Molybdenum, Dissolved	(1.5	ر لا	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:24	1
Nickel, Dissolved	1.8		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:24	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:24	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:24	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:24	1
Vanadium, Dissolved	3.4		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:24	1
Zinc, Dissolved	6.7	J	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:24	1

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJ4C-080915-11

Date Collected: 08/09/15 15:31 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	J	1.0	0.40	ug/L	egilianen Segue	08/11/15 12:52	08/11/15 23:39	1
Arsenic	13		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 23:39	1
Barium	540		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 23:39	.1
Beryllium	2.0		0.40	0.15	ug/L		08/11/15 12:52	08/11/15 23:39	1
Cadmium	0.11	J	0.20	0.086	ug/L		08/11/15 12:52	08/12/15 09:50	2
Chromium	18		2.0	1.0	ug/L		08/11/15 12:52	08/11/15 23:39	1
Cobalt	14		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 23:39	1
Copper	62		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 23:39	1
Lead	180		0.30	0.060	ug/L		08/11/15 12:52	08/11/15 23:39	1
Manganese	740		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 23:39	1
Nickel	20		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:39	1
Selenium	0.98	j	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 23:39	1
Silver	1.3		1.0	0.10	ug/L		08/11/15 12:52	08/11/15 23:39	1
Thallium	0.40		0.20	0.10	ug/L		08/11/15 12:52	08/11/15 23:39	-1
Vanadium	50		1.0	0.30	ug/L	Andrew Co.	08/11/15 12:52	08/11/15 23:39	-1
Zinc	160	T-	20	2.8	ug/L		08/11/15 12:52	08/11/15 23:39	1
Molybdenum	2.8	•	1.0	1.0	ug/L		08/11/15 12:52	08/11/15 23:39	-1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	Ū	1.0	0.40	ug/L	eriorgenesisis deser-	08/11/15 12:52	08/11/15 22:28	1
Arsenic, Dissolved	0.56	J	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:28	1
Barium, Dissolved	76		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:28	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:28	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:28	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:28	-1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:28	1
Copper, Dissolved	1.7		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:28	1.
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:28	1
Manganese, Dissolved	4.3		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:28	1
Molybdenum, Dissolved	1.9		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:28	1
Nickel, Dissolved	1.0		1.0	0.40	ug/L	4, 1, 4	08/11/15 12:52	08/11/15 22:28	1
Selenium, Dissolved	1.0	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:28	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:28	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:28	1
Vanadium, Dissolved	1.0		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:28	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:28	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJFP-080915-11

Date Collected: 08/09/15 10:15 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-7

Matrix: Water

Method: 200.8 - Metals (ICP/MS) Analyte	Result	Qualifier_	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	3 5000	1.0					08/11/15 23:43	
Arsenic	5.1		1.0	0.37	ug/L		08/11/15 13:06	08/11/15 23:43	10
Barium	340		2.0	0.14	ug/L		08/11/15 13:06	08/11/15 23:43	1
Beryllium	1.4		0.40	0.15	ug/L		08/11/15 13:06	08/11/15 23:43	1
Cadmium	0.086	U	0.20	0.086	ug/L		08/11/15 13:06	08/12/15 09:54	2
Chromium	17		2.0	1.0	ug/L		08/11/15 13:06	08/11/15 23:43	1
Cobalt	10		0.40	0.12	ug/L		08/11/15 13:06	08/11/15 23:43	1
Copper	32		1.0	0.50	ug/L		08/11/15 13:06	08/11/15 23:43	1
Lead	47		0.30	0.060	ug/L		08/11/15 13:06	08/11/15 23:43	1
Manganese	500		2.5	1.2	ug/L		08/11/15 13:06	08/11/15 23:43	1
Nickel	15		1.0	0.40	ug/L		08/11/15 13:06	08/11/15 23:43	4.
Selenium	0.92	J	2.0	0.58	ug/L		08/11/15 13:06	08/11/15 23:43	1
Silver	0.31	J	1.0	0.10	ug/L		08/11/15 13:06	08/11/15 23:43	1
Thallium	0.26		0.20	0.10	ug/L		08/11/15 13:06	08/11/15 23:43	1
Vanadium	31		1.0	0.30	ug/L		08/11/15 13:06	08/11/15 23:43	1
Zinc	94	<b>ブ</b> ー	20	2.8	ug/L	en e	08/11/15 13:06	08/11/15 23:43	1
Molybdenum	1.4	T	1.0	0.45	ug/L		08/11/15 13:06	08/11/15 23:43	1

Analyte	Result Qualifie	er RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40 U	1.0	0.40	ug/L	entretarionery animal	08/11/15 12:52	08/11/15 22:32	1
Arsenic, Dissolved	0.41 J	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:32	1
Barium, Dissolved	68	2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:32	1
Beryllium, Dissolved	0.15 U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:32	1
Cadmium, Dissolved	0.043 U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:32	1
Chromium, Dissolved	1.0 U	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:32	1
Cobalt, Dissolved	0.12 J	0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:32	1
Copper, Dissolved	1.5	1.0	0.50	ug/L	V.,	08/11/15 12:52	08/11/15 22:32	1.
Lead, Dissolved	0.060 U	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:32	1
Manganese, Dissolved	4.1	2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:32	1
Molybdenum, Dissolved	1.5	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:32	-1
Nickel, Dissolved	1.2	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:32	1
Selenium, Dissolved	0.58 U	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:32	1
Silver, Dissolved	0.10 U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:32	1
Thallium, Dissolved	0.10 U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:32	1
Vanadium, Dissolved	0.81 J	1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:32	. 1
Zinc, Dissolved	2.8 U	20				08/11/15 12:52	08/11/15 22:32	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Lab Sample ID: 680-115432-8 Client Sample ID: SJHB-080915-11

Date Collected: 08/09/15 11:31 Date Received: 08/11/15 09:39

Matrix: Water

Analyte		Qualifier_	RL	MDL	Unit	D Prepared	Analyzed	Dil Fac
Antimony	0.40	u UÜ	1.0	0.40	ug/L	08/11/15 13:06	08/11/15 23:55	1
Arsenic	6.2	CNC BATT	1.0	0.37	ug/L	08/11/15 13:06	08/11/15 23:55	1
Barium	520		2.0	0.14	ug/L	08/11/15 13:06	08/11/15 23:55	1
Beryllium	2.4		0.40	0.15	ug/L	08/11/15 13:06	08/11/15 23:55	1
Cadmium	0.086	U	0.20	0.086	ug/L	08/11/15 13:06	08/12/15 09:58	2
Chromium	22		2.0	1.0	ug/L	08/11/15 13:06	08/11/15 23:55	1
Cobalt	17		0.40	0.12	ug/L	08/11/15 13:06	08/11/15 23:55	1
Copper	42	S.	1.0	0.50	ug/L	08/11/15 13:06	08/11/15 23:55	1
Lead	57		0.30	0.060	ug/L	08/11/15 13:06	08/11/15 23:55	-1
Manganese	990		2.5	1.2	ug/L	08/11/15 13:06	08/11/15 23:55	1
Nickel	22		1.0	0.40	ug/L	08/11/15 13:06	08/11/15 23:55	- 1
Selenium	0.58	U	2.0	0.58	ug/L	08/11/15 13:06	08/11/15 23:55	1
Silver	0.38	J	1.0	0.10	ug/L	08/11/15 13:06	08/11/15 23:55	1
Thallium	0.38		0.20	0.10	ug/L	08/11/15 13:06	08/11/15 23:55	-1
Vanadium	42		1.0	0.30	ug/L	08/11/15 13:06	08/11/15 23:55	1
Zinc	130	7-	20	2.8	ug/L	08/11/15 13:06	08/11/15 23:55	1
Molybdenum	1.1		1.0	0.45	ug/L	08/11/15 13:06	08/11/15 23:55	1
Analyte Antimony Discound		Qualifier	RL	MDL		D Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L	08/11/15 12:52	08/11/15 22:36	1
Arsenic, Dissolved	0.39	1	1.0	0.07	use II	08/11/15 12:52	00/44/45 22:26	- 1
가능한 회장하다 관련 가장 이 전 사람이 되었다.		*	1.0		ug/L	00/11/10 12.02	00/11/10/22.00	
Barium, Dissolved	70		2.0	0.14	ug/L		08/11/15 22:36	
그러워 그렇게 살아 하게 하는데, 이 하게 되었다면 뭐	<b>70</b> 0.15	Ü		0.14 0.15	ug/L ug/L	08/11/15 12:52		1
Barium, Dissolved	70	Ü	2.0 0.40 0.10	0.14	ug/L ug/L	08/11/15 12:52 08/11/15 12:52	08/11/15 22:36	1
Barium, Dissolved Beryllium, Dissolved	<b>70</b> 0.15	U U	2.0 0.40	0.14 0.15 0.043 1.0	ug/L ug/L ug/L ug/L	08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	08/11/15 22:36 08/11/15 22:36	1
Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved	<b>70</b> 0.15 0.043	U U U	2.0 0.40 0.10	0.14 0.15 0.043 1.0	ug/L ug/L ug/L	08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved	70 0.15 0.043 1.0	U U U	2.0 0.40 0.10 2.0	0.14 0.15 0.043 1.0 0.12 0.50	ug/L ug/L ug/L ug/L ug/L ug/L	08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	1 1 1
Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Cobalt, Dissolved	70 0.15 0.043 1.0 <b>0.20</b>	U U U	2.0 0.40 0.10 2.0 0.40	0.14 0.15 0.043 1.0 0.12	ug/L ug/L ug/L ug/L ug/L ug/L	08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	4 4 4 4
Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved	70 0.15 0.043 1.0 0.20 1.8	U U U	2.0 0.40 0.10 2.0 0.40 1.0	0.14 0.15 0.043 1.0 0.12 0.50 0.060	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	1 1 1 1 1 1
Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved Lead, Dissolved	70 0.15 0.043 1.0 0.20 1.8 0.36	U U U	2.0 0.40 0.10 2.0 0.40 1.0 0.30	0.14 0.15 0.043 1.0 0.12 0.50 0.060 1.2 0.45	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	র র র র র র
Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved Lead, Dissolved Manganese, Dissolved	70 0.15 0.043 1.0 0.20 1.8 0.36 6.1	U U U J	2.0 0.40 0.10 2.0 0.40 1.0 0.30 2.5	0.14 0.15 0.043 1.0 0.12 0.50 0.060 1.2 0.45	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	র র র র র র
Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved Lead, Dissolved Manganese, Dissolved Molybdenum, Dissolved	70 0.15 0.043 1.0 0.20 1.8 0.36 6.1	U U U U	2.0 0.40 0.10 2.0 0.40 1.0 0.30 2.5	0.14 0.15 0.043 1.0 0.12 0.50 0.060 1.2 0.45	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	্র ব ব ব ব ব ব
Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved Lead, Dissolved Manganese, Dissolved Molybdenum, Dissolved Nickel, Dissolved	70 0.15 0.043 1.0 0.20 1.8 0.36 6.1 1.5	U U J	2.0 0.40 0.10 2.0 0.40 1.0 0.30 2.5 1.0	0.14 0.15 0.043 1.0 0.12 0.50 0.060 1.2 0.45 0.40	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	08/11/15 12:52 08/11/15 12:52	08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	्ता त्व त्व त त त त त त त त त त त त त त त त
Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved Lead, Dissolved Manganese, Dissolved Molybdenum, Dissolved Nickel, Dissolved Selenium, Dissolved	70 0.15 0.043 1.0 0.20 1.8 0.36 6.1 1.5 1.7	U U J J	2.0 0.40 0.10 2.0 0.40 1.0 0.30 2.5 1.0 1.0	0.14 0.15 0.043 1.0 0.12 0.50 0.060 1.2 0.45 0.40 0.58	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	08/11/15 12:52 08/11/15 12:52	08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	ं जी जी जी जी जी जी जी जी जी जी जी जी जी ज
Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved Lead, Dissolved Manganese, Dissolved Molybdenum, Dissolved Nickel, Dissolved Selenium, Dissolved Silver, Dissolved	70 0.15 0.043 1.0 0.20 1.8 0.36 6.1 1.5 1.1 0.70 0.10	U U J J	2.0 0.40 0.10 2.0 0.40 1.0 0.30 2.5 1.0 1.0 2.0	0.14 0.15 0.043 1.0 0.12 0.50 0.060 1.2 0.45 0.40 0.58 0.10	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	08/11/15 12:52 08/11/15 12:52	08/11/15 22:36 08/11/15 22:36	1 1 1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJLP-080915-11

Date Collected: 08/09/15 09:54 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-9

Matrix: Water

Method: 200.8 - Metals (ICP/MS) Analyte	Result Qualifier	RL	MDL	Unit		D	Prepared	Analyzed	Dil Fac
Antimony	0.40 UF1 Uゾ	1.0	0.40	ug/L		· David	08/11/15 13:33	08/12/15 02:34	1
Arsenic	6.3	1.0	0.37	ug/L	Section Section		08/11/15 13:33	08/12/15 02:34	1
Barium	520	2.0	0.14	ug/L			08/11/15 13:33	08/12/15 02:34	1
Beryllium	1.8	0.40	0.15	ug/L			08/11/15 13:33	08/12/15 02:34	1
Cadmium	0.19	0.10	0.043	ug/L			08/11/15 13:33	08/12/15 02:34	1
Chromium	16	2.0	1.0	ug/L			08/11/15 13:33	08/12/15 02:34	1
Cobalt	13	0.40	0.12	ug/L			08/11/15 13:33	08/12/15 02:34	1
Copper	33	1.0	0.50	ug/L			08/11/15 13:33	08/12/15 02:34	1
Lead	48	0.30	0.060	ug/L			08/11/15 13:33	08/12/15 02:34	1
Manganese	830	2.5	1.2	ug/L			08/11/15 13:33	08/12/15 02:34	1
Nickel	17	1.0	0.40	ug/L			08/11/15 13:33	08/12/15 02:34	1
Selenium	10-48-204	2.0	0.58	ug/L			08/11/15 13:33	08/12/15 02:34	. id.
Silver	0.30 J	1.0	0.10	ug/L			08/11/15 13:33	08/12/15 02:34	1
Thallium	0.28	0.20	0.10	ug/L			08/11/15 13:33	08/12/15 02:34	1
Vanadium	34	1.0	0.30	ug/L			08/11/15 13:33	08/12/15 02:34	1.
Zinc	110 F1 丁	20	2.8	ug/L			08/11/15 13:33	08/12/15 02:34	1
Molybdenum	1.3	1.0	0.45				08/11/15 13:33	08/12/15 02:34	া

Method: 200.8 - Metals (ICP/	MS) - Dissolved							
Analyte	Result Qua	ılifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40 U	1.0	0.40	ug/L	Stringtonner Street.	08/11/15 12:52	08/11/15 22:40	1
Arsenic, Dissolved	0.42 J	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:40	. 1
Barium, Dissolved	72	2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:40	1
Beryllium, Dissolved	0.15 U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:40	1
Cadmium, Dissolved	0.043 U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:40	1
Chromium, Dissolved	1.0 U	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:40	1
Cobalt, Dissolved	0,12 U	0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:40	1
Copper, Dissolved	1.7	1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:40	1
Lead, Dissolved	0.060 U	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:40	1
Manganese, Dissolved	5.1	2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:40	1
Molybdenum, Dissolved	1.4	1.0	0.45	ug/L	~	08/11/15 12:52	08/11/15 22:40	1
Nickel, Dissolved	1.2	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:40	1
Selenium, Dissolved	0.87 J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:40	1
Silver, Dissolved	0.10 U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:40	1
Thallium, Dissolved	0.10 U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:40	1
Vanadium, Dissolved	0.84 J	1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:40	1
Zinc, Dissolved	2.8 U	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:40	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: MECT-080915-11

Date Collected: 08/09/15 14:05 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-10

Matrix: Water

Method: 200.8 - Metals (ICP/MS) Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U US	1.0	0.40	ug/L	managana ayani basa	08/11/15 13:33	08/12/15 02:59	1
Arsenic	4.1		1.0	0.37	ug/L		08/11/15 13:33	08/12/15 02:59	- 1
Barium	180	and the second	2.0	0.14	ug/L		08/11/15 13:33	08/12/15 02:59	1
Beryllium	0.53		0.40	0.15	ug/L		08/11/15 13:33	08/12/15 02:59	1
Cadmium	0.13		0.10	0.043	ug/L		08/11/15 13:33	08/12/15 02:59	1
Chromium	5.9		2.0	1.0	ug/L		08/11/15 13:33	08/12/15 02:59	. 1
Cobalt	3.6	. 15.11	0.40	0.12	ug/L		08/11/15 13:33	08/12/15 02:59	- 1
Copper	9.6		1.0	0.50	ug/L		08/11/15 13:33	08/12/15 02:59	1
Lead	7.9		0.30	0.060	ug/L		08/11/15 13:33	08/12/15 02:59	
Manganese	360	.s. \$	2.5	1.2	ug/L		08/11/15 13:33	08/12/15 02:59	1
Nickel	9.8		1.0	0.40	ug/L		08/11/15 13:33	08/12/15 02:59	1
Selenium	2.0	BU.	2.0	0.58	ug/L		08/11/15 13:33	08/12/15 02:59	1
Silver	0.10	Ú	1.0	0.10	ug/L		08/11/15 13:33	08/12/15 02:59	1
Thallium	0.16	J	0.20	0.10	ug/L		08/11/15 13:33	08/12/15 02:59	-1
Vanadium	17		1.0	0.30	ug/L		08/11/15 13:33	08/12/15 02:59	1
Zinc	29	<b>ゴ</b> ー	20	2.8	ug/L		08/11/15 13:33	08/12/15 02:59	1
Molybdenum	3.1		1.0		ug/L		08/11/15 13:33	08/12/15 02:59	-1

Analyte	Result (	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L	American State of Control of Cont	08/11/15 12:52	08/11/15 22:44	1
Arsenic, Dissolved	1.3		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:44	1
Barium, Dissolved	85		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:44	1
Beryllium, Dissolved	0.15	Ú	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:44	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:44	1
Chromium, Dissolved	1.0 (	U .	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:44	1
Cobalt, Dissolved	0.50		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:44	1
Copper, Dissolved	2.6		1.0	0.50	ug/L	* Services	08/11/15 12:52	08/11/15 22:44	- 1
Lead, Dissolved	0.072	J	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:44	.1
Manganese, Dissolved	4.2		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:44	. 1
Molybdenum, Dissolved	3.0		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:44	1
Nickel, Dissolved	3.4		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:44	1
Selenium, Dissolved	1.3	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:44	1
Silver, Dissolved	0.10	J	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:44	1
Thallium, Dissolved	0.10	J	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:44	1
Vanadium, Dissolved	2.5		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:44	1
Zinc, Dissolved	2.8 (	J	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:44	4

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJME-080915-11

Date Collected: 08/09/15 16:35 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-11

Matrix: Water

Method: 200.8 - Metals (ICP/MS) Analyte	Result	Qualifjer	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	0 49	1.0	0.40	ug/L	entimination and and and and and and and and and an	08/11/15 13:33	08/12/15 03:12	1
Arsenic	11		1.0	0.37	ug/L		08/11/15 13:33	08/12/15 03:12	1
Barium	860		2.0	0.14	ug/L		08/11/15 13:33	08/12/15 03:12	1
Beryllium	3.7		0.40	0.15	ug/L		08/11/15 13:33	08/12/15 03:12	1
Cadmium	0.34		0.10	0.043	ug/L		08/11/15 13:33	08/12/15 03:12	1
Chromium	28		2.0	1.0	ug/L	No.	08/11/15 13:33	08/12/15 03:12	1
Cobalt	23		0.40	0.12	ug/L		08/11/15 13:33	08/12/15 03:12	1
Copper	54		1.0	0.50	ug/L		08/11/15 13:33	08/12/15 03:12	1
Lead	46		0.30	0.060	ug/L		08/11/15 13:33	08/12/15 03:12	. 1
Manganese	1200	No.	2.5	1.2	ug/L		08/11/15 13:33	08/12/15 03:12	. 1
Nickel	36		1.0	0.40	ug/L		08/11/15 13:33	08/12/15 03:12	1
Selenium	14-	AB DOU	2.0	0.58	ug/L		08/11/15 13:33	08/12/15 03:12	-1
Silver	0.26		1.0	0.10	ug/L		08/11/15 13:33	08/12/15 03:12	1
Thallium	0.71		0.20	0.10	ug/L		08/11/15 13:33	08/12/15 03:12	1
Vanadium	70		1.0	0.30	ug/L		08/11/15 13:33	08/12/15 03:12	1
Zinc	160	J-	20	2.8	ug/L		08/11/15 13:33	08/12/15 03:12	1
Molybdenum	1.7		1.0	0.45	ug/L		08/11/15 13:33	08/12/15 03:12	1

Method: 200.8 - Metals (ICP/	MS) - Dissolv	red							
Analyte		Qualifier	RL	MDL	Unit	C	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L	mention of the second s	08/11/15 12:52	08/11/15 22:49	1
Arsenic, Dissolved	1.1		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:49	1
Barium, Dissolved	97		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:49	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:49	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:49	1.0
Chromium, Dissolved	2.5		2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:49	. 1
Cobalt, Dissolved	0.87		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:49	1
Copper, Dissolved	3.9		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:49	1
Lead, Dissolved	1.5		0.30	0.060	ug/L	. %	08/11/15 12:52	08/11/15 22:49	-1-
Manganese, Dissolved	34		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:49	1
Molybdenum, Dissolved	2.1	J	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:49	1
Nickel, Dissolved	2.2		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:49	1
Selenium, Dissolved	0.98	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:49	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:49	1:
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:49	1
Vanadium, Dissolved	5.9		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:49	1.
Zinc, Dissolved	7.1	J	20		ug/L		08/11/15 12:52	08/11/15 22:49	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJME-080915-12

Date Collected: 08/09/15 16:35 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-12

Matrix: Water

Method: 200.8 - Metals (ICP/MS) Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	u UT	1.0	0.40	ug/L	 	08/11/15 13:33	08/12/15 03:16	1
Arsenic	10		1.0	0.37	ug/L		08/11/15 13:33	08/12/15 03:16	1
Barium	880		2.0	0.14	ug/L		08/11/15 13:33	08/12/15 03:16	1
Beryllium	3.7		0.40	0.15	ug/L		08/11/15 13:33	08/12/15 03:16	1
Cadmium	0.33		0.10	0.043	ug/L		08/11/15 13:33	08/12/15 03:16	1
Chromium	28		2.0	1.0	ug/L		08/11/15 13:33	08/12/15 03:16	1
Cobalt	24		0.40	0.12	ug/L		08/11/15 13:33	08/12/15 03:16	1
Copper	55		1.0	0.50	ug/L		08/11/15 13:33	08/12/15 03:16	1
Lead	46		0.30	0.060	ug/L	Α,	08/11/15 13:33	08/12/15 03:16	1
Manganese	1300		2.5	1.2	ug/L		08/11/15 13:33	08/12/15 03:16	1
Nickel	37		1.0	0.40	ug/L		08/11/15 13:33	08/12/15 03:16	1
Selenium	0.63	JB 2.0U	2.0	0.58	ug/L		08/11/15 13:33	08/12/15 03:16	1
Silver	0.27	J	1.0	0.10	ug/L		08/11/15 13:33	08/12/15 03:16	1
Thallium	0.68		0.20	0.10	ug/L		08/11/15 13:33	08/12/15 03:16	1
Vanadium	66		1.0	0.30	ug/L		08/11/15 13:33	08/12/15 03:16	1
Zinc	160	3	20	2.8	ug/L		08/11/15 13:33	08/12/15 03:16	1
Molybdenum	1.4		1.0		ug/L		08/11/15 13:33	08/12/15 03:16	1

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0,40 U	1.0	0.40	ug/L	minimum manual	08/11/15 12:52	08/11/15 22:53	1
Arsenic, Dissolved	1.0	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:53	1
Barium, Dissolved	120	2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:53	্ৰ
Beryllium, Dissolved	0.26 J	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:53	-1
Cadmium, Dissolved	0.043 U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:53	্ৰ
Chromium, Dissolved	5.0	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:53	-1
Cobalt, Dissolved	(1.6)	0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:53	1
Copper, Dissolved	5 x	1.0	0.50	ug/L	No. 7 1	08/11/15 12:52	08/11/15 22:53	1
Lead, Dissolved	2.9	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:53	1
Manganese, Dissolved	67	2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:53	1
Molybdenum, Dissolved	2.0 丁	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:53	1
Nickel, Dissolved	3.2	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:53	1
Selenium, Dissolved	0.84 J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:53	1
Silver, Dissolved	0.10 U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:53	1
Thallium, Dissolved	0.10 U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:53	1
Vanadium, Dissolved	9.6	1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:53	1
Zinc, Dissolved	12 J	20		ug/L		08/11/15 12:52	08/11/15 22:53	1

TestAmerica Savannah